

What is expected of you?

- Key Stage 3 - **2 tasks** (30 minutes minimum) and Key Stage 4 - **3 tasks** (60 minutes minimum).
- In addition to this on even weeks a "Knowledge organiser" task and on odd weeks a Memri task.
- Every HegartyMaths task is to be written in your extended practise book with questions, full working and answers shown.
- The date and title of the task also needs to be included.
- Mark your work and give yourself a percentage.
- Only retry the questions you got wrong after watching the relevant part of the video - these will be different to the original questions; you may skip the rest.
- You will have 1 week to complete your homework. You need to ensure it is completed on time. Failure to complete homework or an incomplete homework will result in you attending a compulsory after school homework club.

7) Decrease £14132.77 by 14.5% give your answer rounded to 2 DP.

$$100\% - 14.5\% = 86.5\%$$

$$86.5 \div 100 = 0.865$$

$$14132.77 \times 0.865 = \text{£}12224.85 \times$$

8) Terry pays £432.71 a year on his car insurance. The insurance company increases the price by 5.7%. How much does the insurance cost now? Give your answer rounded to 2 DP.

$$100\% + 5.7\% = 105.7\%$$

$$105.7 \div 100 = 1.057$$

$$432.71 \times 1.057 = \text{£}457.37 \checkmark$$

88%

Correction

7) Decrease £15890.23 by 16.5%. Give your answer rounded to 2 DP.

$$100\% - 16.5\% = 83.5\%$$

$$83.5 \div 100 = 0.835$$

$$15890.23 \times 0.835 = \text{£}13268.34 \checkmark$$